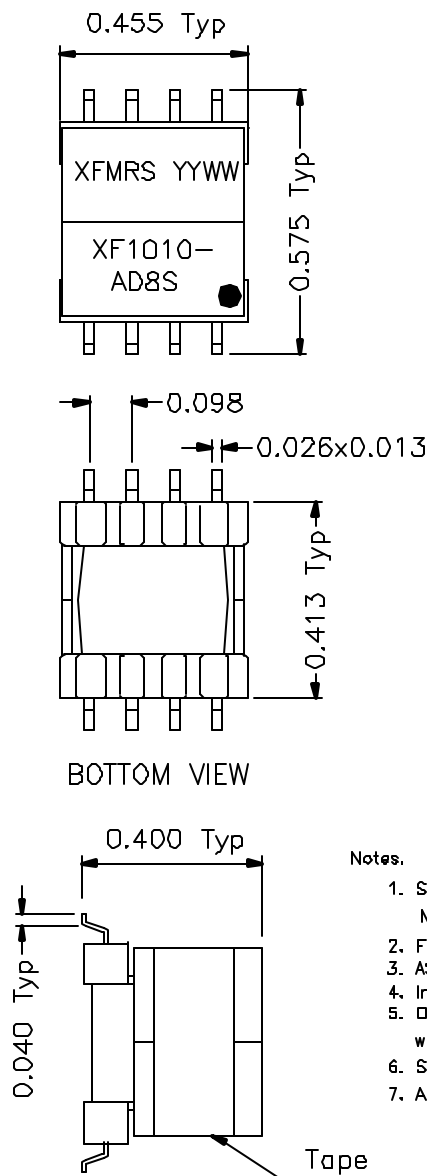


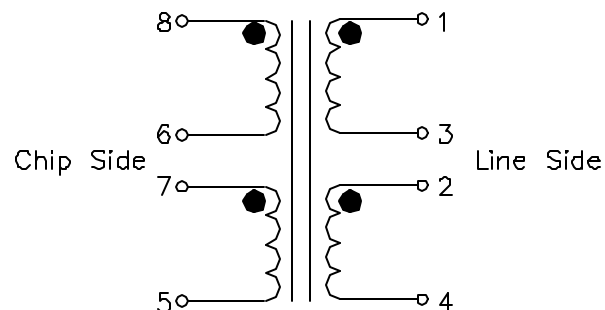
## 1. Mechanical Dimensions:



### Notes.

1. Solderability: Leads shall meet MIL-STD-202, Method 208D for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C. UL file E151556
5. Operating Temperature Range All listed parameters are to be within tolerance from -40°C to +85°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible

## 2. Schematic:



## 3. Electrical Specifications: @25°C

OCL: (Pins 1-4) 400uH ±5% @10KHz 0.1V (tie 2+3)

Leakage L: (Pins 1-4) 6uH Max 100KHz, 0.1V  
 (Short 5-8, tie 2+3)

DC Res.: (Pins 8-5) 1.10 Ohms Max (tie 7+6)

DC Res.: (Pins 1-4) 1.00 Ohms Max (tie 2+3)

HIPOT: 2000Vrms Between Wire to Wire

Turns Ratio: (8-5):(1-4) = 1:1.9 (tie 2+3, 6+7)

Cww: (Pins 1-8) 60pF Max @100KHz, 0.1V

THD: -80dB Max @100KHz, 15Vp-p, Line : IC

Longitudinal Balance: 50dB Min @30KHz - 1.1MHz

Frequency Response: ±0.35dB Max @30KHz - 1.1MHz

Insertion Loss: 0.25dB Max @300KHz

Note: Designed to meet UL1950 for supplementary insulation, 250 working volts.

<b>XFMRs Inc</b>	Title: ADSL TRANSFORMER		
	UNLESS OTHERWISE SPECIFIED	P/N: XF1010-AD8S	REV. A
TOLERANCES:	DWN.	BW	Mar-29-00
.xxx ±0.015	CHK.	Joe Huff	Mar-29-00
Dimensions in INCH	APP.	AEI	Mar-29-00
SCALE 2.5:1 SHT 1 OF 1			

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